1812

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RAW SEQUENCE LISTING
PATENT APPLICATION *US/08/347,780A*

DATE: 01/03/97
TIME: 15:38:10

INPUT SET: S14764.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

```
 1                                    SEQUENCE LISTING
 2
 3   (1)     General Information:
 4
 5       (i) APPLICANT: Bartley, Timothy D.
 6                      Bogenberger, Jakob M.
 7                      Bosselman, Robert A.
 8                      Hunt, Pamela
 9                      Samal, Babru B.
10
11      (ii) TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR STIMULATING
12               MEGAKARYOCYTE GROWTH AND DIFFERENTIATION
13
14     (iii) NUMBER OF SEQUENCES: 34
15
16      (iv) CORRESPONDENCE ADDRESS:
17           (A) ADDRESSEE: Amgen Inc.
18           (B) STREET: 1840 Dehavilland Drive
19           (C) CITY: Thousand Oaks
20           (D) STATE: California
21           (E) COUNTRY: USA
22           (F) ZIP: 91320-1789
23
24       (v) COMPUTER READABLE FORM:
25           (A) MEDIUM TYPE: Floppy disk
26           (B) COMPUTER: IBM PC compatible
27           (C) OPERATING SYSTEM: PC-DOS/MS-DOS
28           (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
29
30      (vi) CURRENT APPLICATION DATA:
31           (A) APPLICATION NUMBER: US 08/347,780
32           (B) FILING DATE: 30-NOV-1994
33           (C) CLASSIFICATION:
34
35     (vii) PRIOR APPLICATION DATA:
36           (A) APPLICATION NUMBER: US 08/252,628
37           (B) FILING DATE: 31-MAY-1994
38
39     (vii) PRIOR APPLICATION DATA:
40           (A) APPLICATION NUMBER: US 08/221,768
41           (B) FILING DATE: 31-MAR-1994
42
43     (vii) PRIOR APPLICATION DATA:
44           (A) APPLICATION NUMBER: US 08/321,488
45           (B) FILING DATE: 12-OCT-1994
46
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47 (viii) ATTORNEY/AGENT INFORMATION:
48   (A) NAME: Cook, Robert R.
49   (B) REGISTRATION NUMBER: 31,602
50   (C) REFERENCE/DOCKET NUMBER: A-290C
51
52
53 (2) INFORMATION FOR SEQ ID NO:1:
54
55   (i) SEQUENCE CHARACTERISTICS:
56   (A) LENGTH: 31 amino acids
57   (B) TYPE: amino acid
58   (C) STRANDEDNESS: single
59   (D) TOPOLOGY: linear
60
61   (ii) MOLECULE TYPE: protein
62
63
64
65
66   (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
67
68   Ala Pro Pro Ala Xaa Asp Pro Arg Leu Leu Asn Lys Met Leu Arg Asp
69   1   5   10   15
70
71   Ser His Val Leu His Xaa Arg Leu Xaa Gln Xaa Pro Asp Ile Tyr
72   20   25   30
73
74 (2) INFORMATION FOR SEQ ID NO:2:
75
76   (i) SEQUENCE CHARACTERISTICS:
77   (A) LENGTH: 21 amino acids
78   (B) TYPE: amino acid
79   (C) STRANDEDNESS: single
80   (D) TOPOLOGY: linear
81
82   (ii) MOLECULE TYPE: protein
83
84
85
86
87   (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
88
89   Ala Pro Pro Ala Xaa Asp Pro Arg Leu Leu Asn Lys Met Leu Arg Asp
90   1   5   10   15
91
92   Ser His Val Leu His
93   20
94
95 (2) INFORMATION FOR SEQ ID NO:3:
96
97   (i) SEQUENCE CHARACTERISTICS:
98   (A) LENGTH: 17 amino acids
99   (B) TYPE: amino acid

```
100                   (C) STRANDEDNESS: single
101                   (D) TOPOLOGY: linear
102
103          (ii) MOLECULE TYPE: protein
104
105
106
107
108          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
109
110          Thr Gln Lys Glu Gln Thr Lys Ala Gln Asp Val Leu Gly Ala Val Ala
111          1               5                   10                  15
112
113          Leu
114
115
116     (2) INFORMATION FOR SEQ ID NO:4:
117
118          (i) SEQUENCE CHARACTERISTICS:
119                   (A) LENGTH: 17 base pairs
120                   (B) TYPE: nucleic acid
121                   (C) STRANDEDNESS: single
122                   (D) TOPOLOGY: linear
123
124          (ii) MOLECULE TYPE: cDNA
125
126
127
128
129          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
130
131     GCNCCNCCNG CNTGYGA                                                    17
132
133     (2) INFORMATION FOR SEQ ID NO:5:
134
135          (i) SEQUENCE CHARACTERISTICS:
136                   (A) LENGTH: 21 base pairs
137                   (B) TYPE: nucleic acid
138                   (C) STRANDEDNESS: single
139                   (D) TOPOLOGY: linear
140
141          (ii) MOLECULE TYPE: cDNA
142
143
144
145
146          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
147
148     GCARTGYAAC ACRTGNGART C                                               21
149
150     (2) INFORMATION FOR SEQ ID NO:6:
151
152          (i) SEQUENCE CHARACTERISTICS:
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153              (A) LENGTH: 21 amino acids
154              (B) TYPE: amino acid
155              (C) STRANDEDNESS: single
156              (D) TOPOLOGY: linear
157
158         (ii) MOLECULE TYPE: protein
159
160
161
162
163         (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
164
165         Ala Pro Pro Ala Cys Asp Leu Arg Val Leu Ser Lys Leu Leu Arg Asp
166         1               5                   10                  15
167
168         Ser His Val Leu His
169                       20
170
171  (2) INFORMATION FOR SEQ ID NO:7:
172
173         (i) SEQUENCE CHARACTERISTICS:
174              (A) LENGTH: 21 base pairs
175              (B) TYPE: nucleic acid
176              (C) STRANDEDNESS: single
177              (D) TOPOLOGY: linear
178
179         (ii) MOLECULE TYPE: cDNA
180
181
182
183
184         (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
185
186  GTACGCGTTC TAGANNNNNN T                                              21
187
188  (2) INFORMATION FOR SEQ ID NO:8:
189
190         (i) SEQUENCE CHARACTERISTICS:
191              (A) LENGTH: 21 base pairs
192              (B) TYPE: nucleic acid
193              (C) STRANDEDNESS: single
194              (D) TOPOLOGY: linear
195
196         (ii) MOLECULE TYPE: cDNA
197
198
199
200
201         (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
202
203  AGTTTACTGA GGACTCGGAG G                                              21
204
205  (2) INFORMATION FOR SEQ ID NO:9:
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206
207        (i)  SEQUENCE CHARACTERISTICS:
208             (A)  LENGTH: 30 base pairs
209             (B)  TYPE: nucleic acid
210             (C)  STRANDEDNESS: single
211             (D)  TOPOLOGY: linear
212
213       (ii)  MOLECULE TYPE: cDNA
214
215
216
217
218       (xi)  SEQUENCE DESCRIPTION: SEQ ID NO:9:
219
220   TTCGGCCGGA TAGGCCTTTT TTTTTTTTTT                             30
221
222   (2) INFORMATION FOR SEQ ID NO:10:
223
224        (i)  SEQUENCE CHARACTERISTICS:
225             (A)  LENGTH: 29 base pairs
226             (B)  TYPE: nucleic acid
227             (C)  STRANDEDNESS: single
228             (D)  TOPOLOGY: linear
229
230       (ii)  MOLECULE TYPE: cDNA
231
232
233
234
235       (xi)  SEQUENCE DESCRIPTION: SEQ ID NO:10:
236
237   TTCGGCCGGA TAGGCCTTTT TTTTTTTTT                              29
238
239   (2) INFORMATION FOR SEQ ID NO:11:
240
241        (i)  SEQUENCE CHARACTERISTICS:
242             (A)  LENGTH: 20 base pairs
243             (B)  TYPE: nucleic acid
244             (C)  STRANDEDNESS: single
245             (D)  TOPOLOGY: linear
246
247       (ii)  MOLECULE TYPE: cDNA
248
249
250
251
252       (xi)  SEQUENCE DESCRIPTION: SEQ ID NO:11:
253
254   TGCGACCTCC GAGTCCTCAG                                        20
255
256   (2) INFORMATION FOR SEQ ID NO:12:
257
258        (i)  SEQUENCE CHARACTERISTICS:
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